

AMENDMENT UNDER 37 C.F.R. § 1.111
U. S. Application No. 09/927,527

REMARKS

Claims 36-43 are all the claims pending in the application. Claims 1-35 are canceled and new claims 36-43 are added by the present Amendment.

Claims 1-5, 10-13, 19, 21, and 35 are rejected under 35 U.S.C. § 102(e) as being anticipated by Tsunehara et al. (US 6,483,816). Claims 6-9, 14-18, 27, and 29 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Tsunehara et al. in view of Honkasalo (US 5,995,496). Claims 20 and 23 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Tsunehara et al. in view of Reed (US 6,665,549).

Claims 30-34 are allowed, and claim 28 is objected to.

In light of the cancellation of claims 1-35, all of the rejections are hereby rendered moot. With regard to new claims 36-43 and the applied references, Applicant has the following comments.

The present invention relates to a method for controlling a transmission power of a data transmitting device in a wireless network, including transmitting a packet having a transmission power measurement requesting message to a receiving device; receiving a response packet including a transmission power adjustment requesting message responsive to the transmission power measurement requesting message to control the transmission power of the data transmitting device, wherein the transmission power adjustment requesting message includes link information that is based on a link quality of the data transmitting device and a reference link quality of the receiving device, and the link quality of the data transmitting device includes

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reception power of the packet; and controlling the transmission power of the data transmitting device based on the transmission power adjustment requesting message.

Tsunehara et al. relates to a power control method in a CDMA communication system. An uplink channel transmission power control method is provided for a CDMA mobile communication system performing one-way communication. A base station measures the received level of data transmitted from each mobile terminal at each channel, and generates a transmission power control signal of each uplink traffic channel. The generated transmission power control signals are multiplexed, and the multiplexed common transmission power control signal is transmitted to all the mobile terminals by using the common channel shared by the mobile terminals. Each mobile terminal derives the transmission power control signal of the uplink traffic channel used by the terminal from the received common transmission power control signal, and controls the transmission power of a data packet.

In Tsunehara et al., a method is provided to control a transmission power of a terminal, to subsequently reduce a possible interference among a plurality of terminals, which use the same frequency bandwidth allocated to each other. The main object is to enable the participation of as many as terminals as possible to the communication at the same time. Tsunehara's system controls all the terminals of the base station that use the same frequency band at the same time. The base station measures the level of data signal received during the communication and transmits the measured signal level with the answer packet. One base station transmits a common transmission power control signal for the control to a plurality of terminals. Also, Tsunehara's system continuously controls the transmission power during the communication and

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does not disclose a request message. The control command is continuously transmitted during the data communication in Tsunehara et al.

Based on the foregoing, Applicant submits that Tsunehara et al. fails to teach or suggest all of the limitations of independent claims 36 and 43. For example, the reference does not teach transmitting a packet comprising a transmission power measurement requesting message to a receiving device.

Also, Tsunehara et al. does not disclose receiving a response packet comprising a transmission power adjustment requesting message responsive to the transmission power measurement requesting message to control the transmission power of the data transmitting device.

Furthermore, Applicant submits that the secondary references do not make up for the deficiencies of Tsunehara et al.

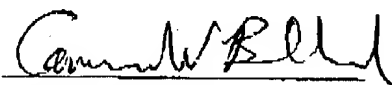
Therefore, Applicant submits that claims 36-43 are allowable over the prior art, for at least the foregoing reasons.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

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The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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CUSTOMER NUMBER

Date: August 13, 2004